

CLAIMS

What is claimed is:

- 5 1. A ladder storage rack apparatus comprising: a pair of spaced apart channels positioned with upper portions thereof arranged in mutual parallel and lower portions thereof in mutual divergence; plural feet extending from the channels, the feet terminating with a means for mounting of the apparatus; a ladder restraining bar engaged between the channels at a distal end thereof; and at a proximal end of the channels, a means for
10 clamping, the clamping means positioned for engaging a ladder supported by the apparatus.
2. The apparatus of claim 1 wherein the upper portions of the channels provide inwardly directed stop bars.
3. The apparatus of claim 1 further comprising at least two cross struts joining the channels
15 into an integral assembly.
4. The apparatus of claim 3 wherein one of the at least two cross struts is positioned at the distal end of the apparatus.
5. The apparatus of claim 4 wherein the one of the cross struts is an L-channel.
6. The apparatus of claim 1 wherein the pair of spaced apart channels are L-channels.
- 20 7. The apparatus of claim 1 wherein the clamping means provides a spring-loaded hooked handle, the clamping means thereby enabled for longitudinal spring-biased extension.
8. The apparatus of claim 1 wherein the claiming means is rotatable between a position below the channels, and a position orthogonal to the channels.
9. The apparatus of claim 1 wherein the handle is rotatable about a longitudinal axis of the
25 clamping means.
10. The apparatus of claim 1 wherein the feet and the clamping means are both engaged with a supporting plate.
11. The apparatus of claim 1 further comprising a ladder in combination therewith, the ladder providing a pair of spaced apart legs positioned with upper portions thereof

arranged in mutual parallel and lower portions thereof in mutual divergence, the ladder engaged within the ladder storage rack apparatus with the ladder legs resting on the channels and restrained from lateral motion thereby, the ladder engaged by the clamping means for applying a compressive force between the storage rack apparatus and the ladder.

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12. A ladder storing method comprising the steps of: positioning a pair of channels in spaced apart positions with upper portions thereof arranged in mutual parallel and lower portions thereof in mutual divergence; extending plural feet from the channels, and terminating the feet with a means for mounting; engaging a ladder restraining bar
- 10 between the channels at a distal end thereof; engaging a means for clamping at a proximal end of the channels in a position for engaging a ladder supported by the apparatus.
13. The method of claim 12 further comprising the steps of: sliding a ladder into the channels with upper parallel portions of the ladder cradled in the upper portions of the
- 15 channels, and lower divergent portions of the ladder cradled in the lower portions of the channels; engaging the ladder with the clamping means so as to hold the ladder in the channels.
14. The method of claim 13 further comprising the step of enabling the clamping means with a spring-loaded hooked handle, and engaging the hooked handle with the ladder.
- 20 15. The method of claim 14 further comprising the step of rotating the claiming means from a position below the channels, to a position orthogonal to the channels and rotating the hooked handle about a longitudinal axis of the clamping means prior to engaging the hooked handle with the ladder.
16. The method of claim 12 further comprising the step of: engaging the feet and the
- 25 clamping means with a common supporting plate.